



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

PRELIMINARY ISSUE

E RECALL

200209 11
DATE 20-02-21
3-89

D5794-11

Job Sheet 207009

Part No: D5794-11

Part Name: Cutout Side



Part Weight: 0 lbs

Job Created: 2/14/20

Due Date: 3/13/20

Type: Stock

Job Qty: 2 pcs

ok to release as per 60020-521
part complies to rev A
9

Status: New

Priority: Medium

Job Tracking No:

Created By: Linda Lacelle

Description:

Note: DWG 5794 REV.A7 IPP REV:A NEW ISSUE 20.31.01 JV VERF:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Large Fab - Basket - 1	2 pcs	3/13/20		0.00	0.13	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		
							Large Fab - 9		
							Large Fab - 11 (Various)		
							Large Fab - 12		
110	QC 5	2 pcs	3/13/20		0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
							QC 5 - 61		
							QC 5 - 81		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S257178



Part: D5794-11

Job No: 207009

Serial No/Batch: S257178

Revision: REV.A

Inspector:

Exp Date:

Instructions:

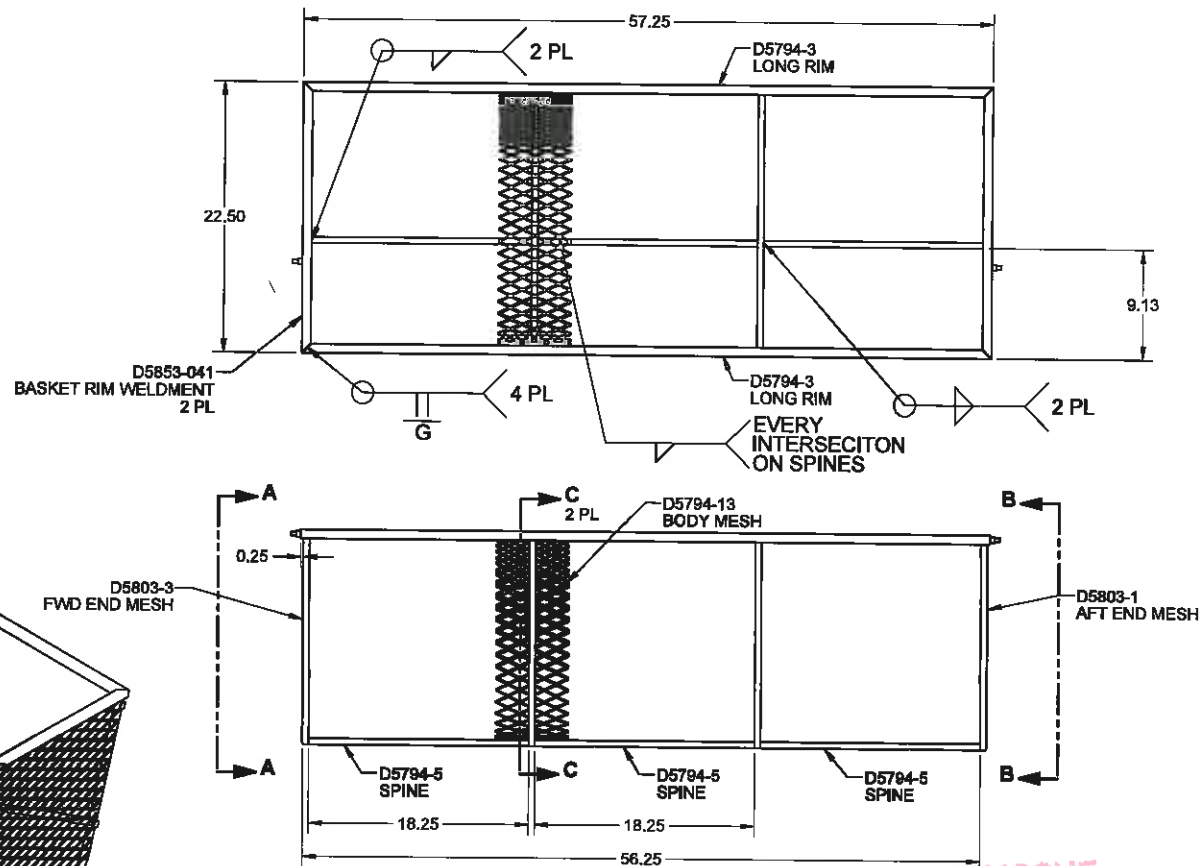
Date: 02/20/20

DAS
9 10-02-21
3-89

3, 4, 5, 6, 7

120 Packaging 3-1 - Stock - B4B 2 pcs		3/13/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	MBL
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
130 QC 21 - SA	2 pcs	3/13/20	0.00 0.00	QC 21 - SA - 21	21
				QC 21 - SA - 70	21
				QC 21 - SA - 53	21
Part Op 100 - 1- Cut as per dwg 2- Deburr					
Descriptions: 110 - QC5- Inspect part completeness to step on W/O					
120 - Identify as per dwg & Stock Location: <i>W/H 004</i>					
130 - QC21- Final Inspection - Work Order Release					
Job BOM					
Part / Item	Component Name	Quantity	Operation	Container	
M4130NTS0.500W.035	4130 Square Tube .500 X .500 X .035W	.6066 ft (.3033 ea)	100-Large Fab - Basket - 1	S250 794	
Job Allocations					
Operation	Component Part	Required	Inventory	Allocated	
100-Large Fab - Basket - 1	M4130NTS0.500W.035	1	151	0	
Part Specifications					
Specifications could not be found.					

QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH
2	D5853-041	BASKET RIM WELDMENT



D5794-041 SHORT BASKET BODY, LH
(DERIVED FROM AERO DESIGN P/N 77611-01)
(MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-041" AND SERIAL NUMBER PER DART QSI 044 6.6
- 7) WEIGHT: 21.59 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

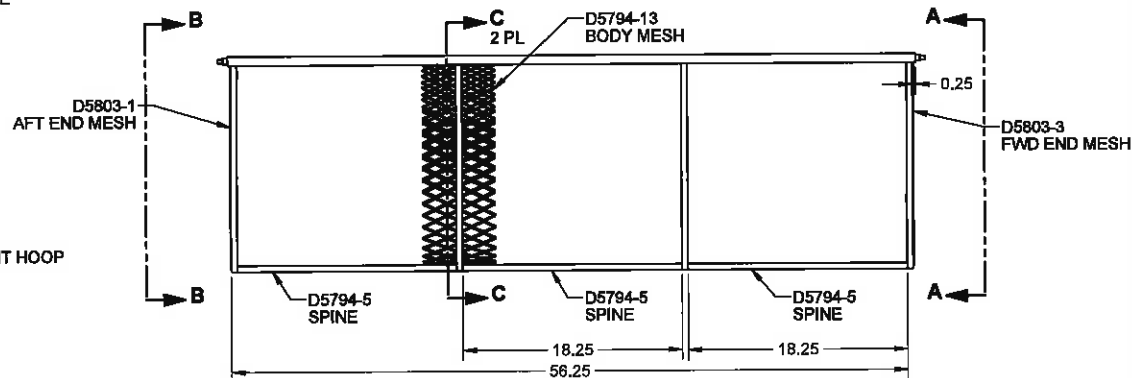
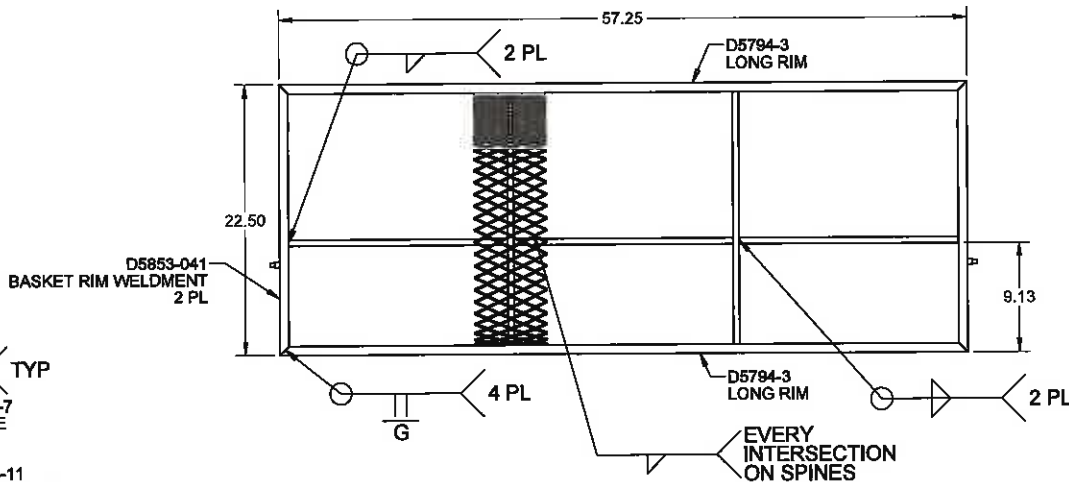
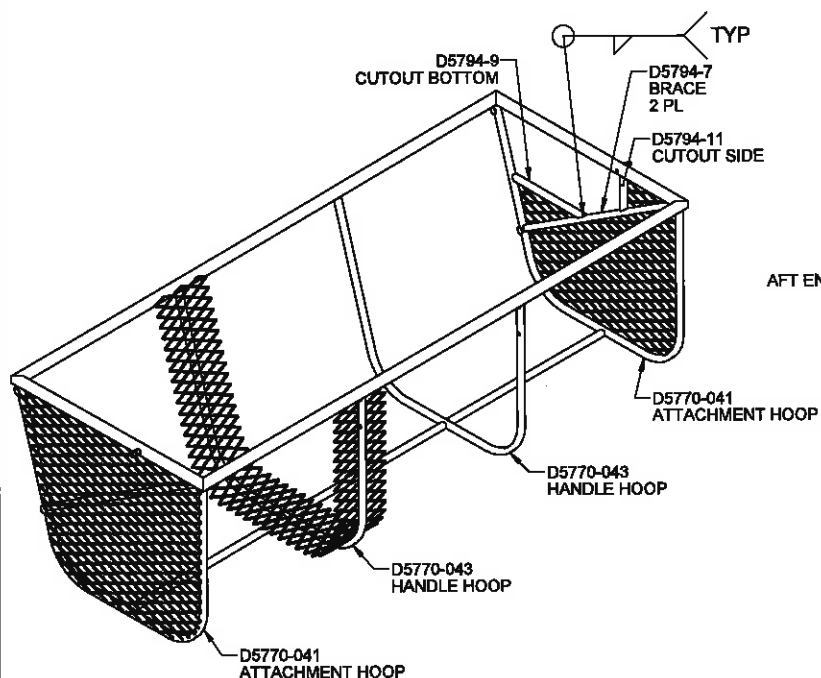
REV.	DESCRIPTION	ZF	DATE
A	NEW ISSUE		20.01.14
DESIGN	ZF		
DRAWN	ZF		
CHECKED	KPT		
MFG. APPR.	DD		
APPROVED			
DE APPR.			
DATE	20.01.14		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D5794
REV. A5
SHEET 1 OF 6
SCALE
NTS

SHORT BASKET BODY
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QTY -042	P/N	DESCRIPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-9	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



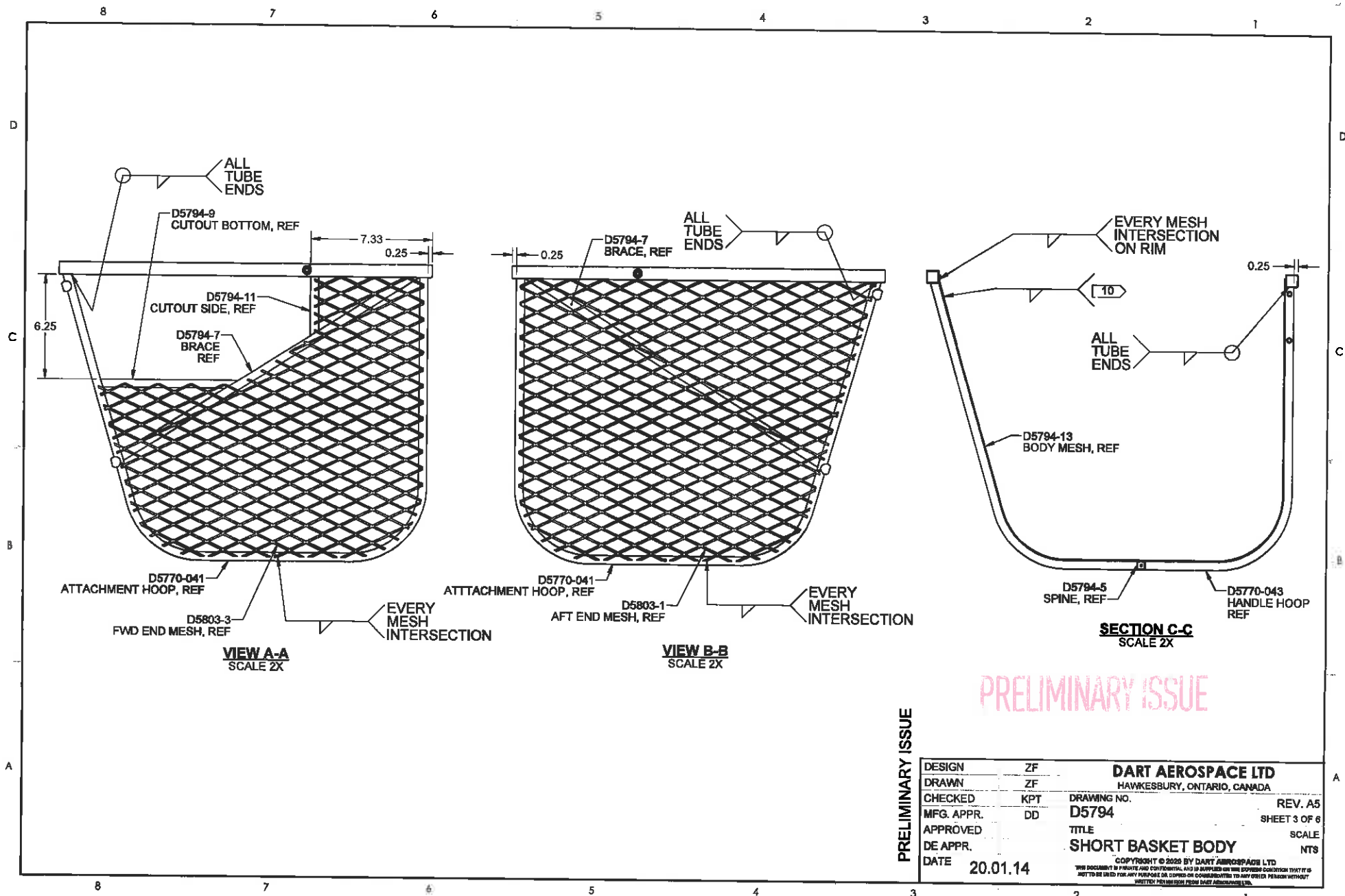
D5794-042 SHORT BASKET BODY, RH
(MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5794-042" AND SERIAL NUMBER PER DART QSI 044 6.8
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION.

PRELIMINARY ISSUE

DESIGN	ZF	DART AEROSPACE LTD	REV. A5
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	SHEET 2 OF 6
CHECKED	KPT	DRAWING NO.	SCALE
MFG. APPR.	DD	D5794	NTS
APPROVED		TITLE	
DE APPR.		SHORT BASKET BODY	
DATE	20.01.14	COPYRIGHT © 2020 BY DART AEROSPACE LTD. THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



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C

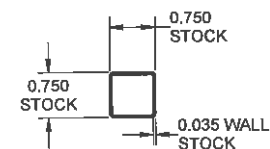
B

A

45°
2 PL

57.25

D5794-3 LONG RIM



SECTION E-E

PRELIMINARY ISSUE

PRELIMINARY ISSUE

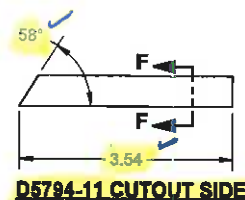
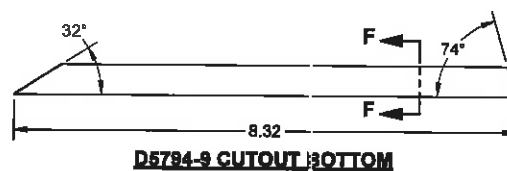
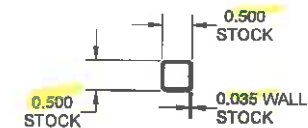
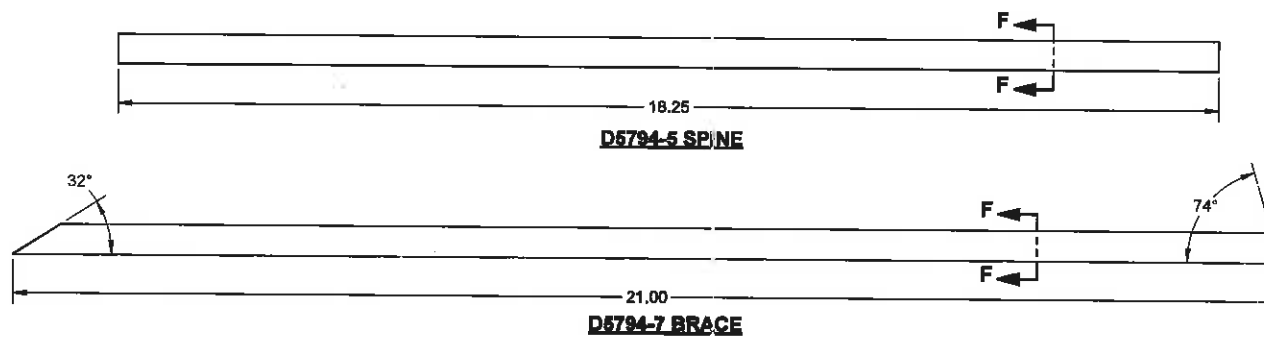
NOTES:

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

DESIGN	ZF	DART AEROSPACE LTD	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	D5794	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		SHORT BASKET BODY	NTS
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8 7 6 5 4 3 2 1

90
-58
30



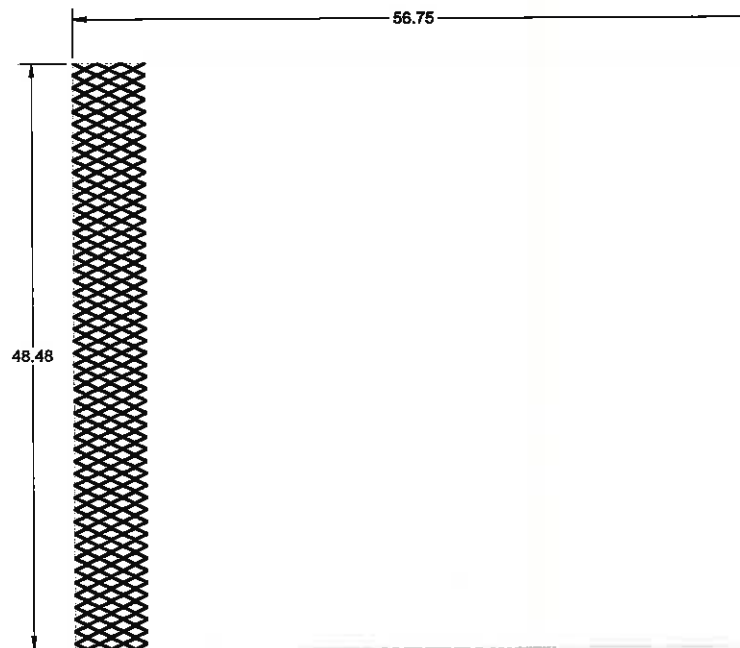
NOTES:

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL
PER MIL-T-6736 OR AMS 6371/6370/6361/6362/6373/6374
REF DART SPEC M4130N-TS
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.32 lbs
-7: 0.36 lbs
-9: 0.14 lbs
-11: 0.06 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	DART AEROSPACE LTD	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	D5794	SHEET 5 OF 6
APPROVED		TITLE	SCALE
DE APPR.		SHORT BASKET BODY	NTS
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D5794-13 BODY MESH
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

NOTES:

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F
PER ASTM F1267 OR MIL-M-17194D
REF DART SPEC M568EX
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs

PRELIMINARY ISSUE

PRELIMINARY ISSUE

DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	KPT	DRAWING NO.	REV. A5
MFG. APPR.	DD	D5794	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DE APPR.		SHORT BASKET BODY	NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045594



Supplier: FAC001-VU
Factory Steel
14020 Oakland Ave.
Detroit, MI 48203 USA
Phone: 313 883 6300
Fax: 313 883 4883

PO No: POHB045594

PO Date: 1/16/20

Due Date: 2/4/20

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

JAN 16 2020

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		M4130NTS0.035W.035			4130 Square Tube 0.750 X 0.035W MATERIAL: AISI 4130N STEEL SQUARE TUBING PER ONE OF THE FOLLOWING SPEC'S: MIL-T-6736, AMS 6371, 6390, 6361, 6362, 6373 OR 6374	Firmed		2/4/20	600 ft	0 ft	600 ft	\$7.26/ft	\$4,350.00
2		M4130NTS1.000W.065			4130 Square Tube 1.000" X 1.000" X 0.065" W MATERIAL: AISI 4130N STEEL SQUARE TUBING PER ONE OF THE FOLLOWING SPEC'S: MIL-T-6736, AMS 6371, 6390, 6361, 6362, 6373 OR 6374	Firmed		2/4/20	160 ft	0 ft	160 ft	\$11.70/ft	\$1,872.00
Grand Total:												\$6,222.00	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB045594



Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A018 personnel qualification

A017 raw material identification (as applicable). No Raw Metals from China or Soviet Bloc Countries. (DFARS)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program.

A049 supplier awareness.

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 1/16/20 11:31 AM Dart.Lavoie.Chantal

PACKING LIST

No. 67371

PG 1 OF 1

PL

FACTORY STEEL & METAL SUPPLY 14020 OAKLAND AVENUE DETROIT, MI 48203		CUSTOMER PO POHB045594		BUYER CHANTEL LAVOIE		SHIP DATE 01/21/2020	
(313)883-4300 PHONE (313)883-4883 FAX		CUSTOMER JOB		Tel (613) 632-3336 Fax (613) 632-4443		SHIP VIA ****TRUCK****	
		SALES ORDER 60206		ORDER DATE 01/16/2021		RESALE # 59-2958719	
SOLD TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SHIP TO DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY, ON K6A 1K7		SALES REP MICK SALON		CARRIER TRUCK	
				SHIP INST CALL WHEN READY		BLIND Y/N N	
				PRO#		FOB DETROIT	
				TERMS NET 30 DAYS			

LINE	QUANTITY	DESCRIPTION	WIDTH	LENGTH	WEIGHT
1	609.917 FT	4130N CD SMLSS SQ TUBE 3/4" X .035W Tag Mill Ref # Heat 153513 023679 616506	Pcs Length 26 20' /24' RL	20' /24' RL Feet 609.917	207.554 Weight 207.554
2	171.333 FT	4130N CD SMLSS SQ TUBE 1" X .065W Tag Mill Ref # Heat 153514 072143 072067859	Pcs Length 7 22' /23' RL	22' /23' RL Feet 171.333	141.606 Weight 141.606
3	1 PCS	PACKING CHARGES MTRS (CIRCLE) FAX SHIPMENT INVOICE ALL DATE: _____ INITIAL: _____			

TOTAL WT. 349 LBS		RECEIVED BY - SIGNATURE		RECEIVED BY - PRINTED NAME		DATE RECEIVED	

LIVE 1.
M4130NTS 0.750W.035

616506



DESIGN DH	DRAWN BY DH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED -H-	APPROVED -H-	DRAWING NO. M4130N-TS	REV. A SHEET 1 OF 1
DATE 05.02.09		TITLE 4130N SQUARE TUBING	SCALE NTS
A	05.02.09	NEW ISSUE	

PURCHASE MATERIAL:

AISI 4130N STEEL SQUARE TUBING PER ONE OF
THE FOLLOWING SPEC'S: MIL-T-6736, AMS 6371,
6360, 6361, 6362, 6373 OR 6374

DAS
82
9-88

PART NUMBER:

M4130N-TS | A.AAA | W | TTT |

WHERE A.AAA = WIDTH IN INCHES
TTT = WALL THICKNESS IN INCHES

EXAMPLE: 0.50" X 0.035" WALL = M4130N-TS0.500W.035

05.03.05

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PLYMOUTH TUBE CO.

1200 East 14th Street, Sreator, Illinois 61154

Phone: (815) 773-1616 Fax: (815) 772-7553

TRUST YOUR SOURCE ACCEPT NO SUBSTITUTION



PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

175628 - 1 / 0

SHIP TO

Factory Steel & Metal Supply C
14020 Oakland Avenue
Detroit, MI 48203
USA

WORK ORDER 023679

PCS/HEAT 0

HEAT NUMBER 616506

MELT SOURCE Benteler Steel & Tube-Germany

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE								
3887	SQ-N34035			1									
PART DESCRIPTION SHSQ0750035J300 ***** Square OD ***** Side1: 0.7500 Max:0.7600 Min:0.7400 Side2: 0.7500 Max:0.7600 Min:0.7400 Wall: 0.0350 Max:0.0380 Min:0.0320 Length: 10.00/25.00 Spec: 304 Seamless Aircraft Grade: 4130 Anneal: Cond N													
CERTIFICATION REQUIREMENTS FAR BAA (FAR 52.225-1 Buy America Act Supplies). DFARS 252.225-7001 Buy America Act & Bal. of Payments Program FAR TAA (FAR 52.225-5 Trade Agreements)(Paragraph 1,3,4,5) This material was Eddy Current tested and conforms to the requirements of ASTM A-450. The Grain size is determined and reported by the raw material supplier in accordance to ASTM E-112. This raw material was magnetic particle inspected by the raw material supplier in accordance to AMS 2840J and/or ASTM E-1444, and rated as Frequency, and Severity to AMS 2301, latest revision. Yield is determined by using the 0.2% offset method. Additional Specifications: AMS-T 6736B, 6360P & 6371L. Material produced in accordance to ASTM A-519-17 and Mill -T 6736B. This material meets Plymouth ProMoly specifications. Jominy results: J(5/16")=45 J(8/16")=38													
Chemical Analysis													
C	Mn	P	S	Si	Al	Cr	Mo	Ni	Pb	Cu	V	Ti	Sn
.310	.55	.011	.002	.230	.036	.87	.18	.12	.001	.16	.002	.002	.010
Physical Properties													
Freq.	Severity	Grain Size											
.020	.015	9											
Mechanical Properties													
TEST	UNITS	TESTS	HIGH	LOW	AVERAGE	STD-DEV							
Tensile	Psi	6	126660	125480	126065	482							
Yield	Psi	6	120930	119880	120387	374							
Elongation	%	6	21	20	20	1							
Rockwell C	Rc	6	25	25	25	0							
TEST	RESULT												
Decarb/OD	Pass												
Total ID/OD decarb	Pass												

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Sreator in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Janice Bross
Quality Representative



PLYMOUTH TUBE CO.

1205 E. 12th St., St. Clair, MI 48088-1442
Phone: (810) 678-1816 Fax: (810) 678-1818
Telex: 151111 PLYM TUBE CO. DETROIT MI



PRODUCT CERTIFICATION

SALES ORDER - LINE / RLS

175629 - 1 / 0

SHIP TO

Factory Steel & Metal Supply C
14020 Oakland Avenue
Detroit, MI 48203
USA

WORK ORDER 023679

PCS/HEAT 0

HEAT NUMBER 616508

MELT SOURCE Benkel Steel & Tube-Germany

CUSTOMER P.O.	CUSTOMER PART	QUANTITY	LADING NO	CERT ID / REV	CERT DATE
3887	SQ-N34035			/	

PART DESCRIPTION SHSQ0750035J300

Additional Specification(s)

TEST	UNITS	#TESTS	HIGH	LOW	AVERAGE	STD-DEV
Brinell	Brinell	6	253	253	253	0

This test report data is for the heat Chemistry Stated above.

The material in this test report is:

- 1) Drawn in the USA
- 2) Free from Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Mercury contamination.
- 3) NAFTA compliant.

End of Certification

I certify that the results are a true and correct copy of the records prepared and maintained by Plymouth Tube Company, Streater in compliance with the requirements of the cited specification. Chemistry is as reported by the Steel supplier. This test report cannot be reproduced or distributed except in full without the written permission of Plymouth Tube.

Janie Benson
Quality Assurance

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130NTSD.750W.035 PO / BATCH NO.: POMB045594
 DATE: JAN 27 2020 5250794

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 609 PL
 QUANTITY INSPECTED: 609 PL
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .750 W.035
 THICKNESS RECEIVED: .750 W.035
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> N	<u>MIL-T-16736</u>
CORRECT THICKNESS	<input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> N	<u>616506</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

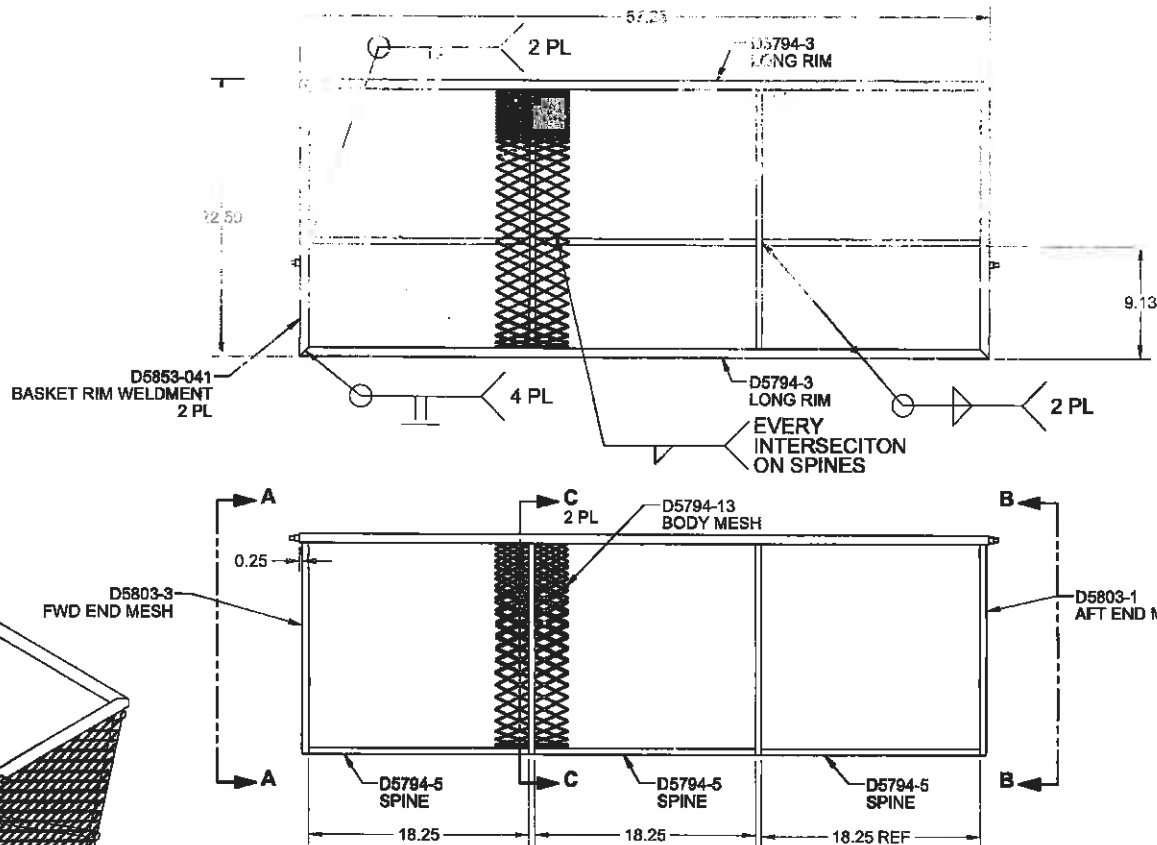
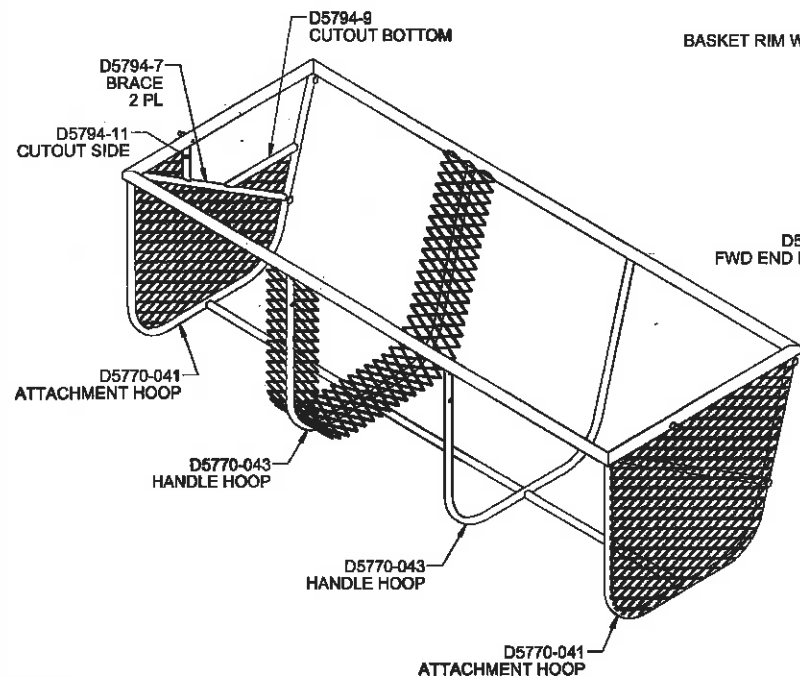
CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: _____	DAS	SIGNED OFF BY: _____	
DATE: <u>JAN 27 2020</u>	<u>32</u> 0.89	DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QTY -041	P/N	DESCRIPTION
X	D5794-041	SHORT BASKET BODY, LH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
2	D5794-7	BRACE
2	D5794-11	CUTOUT SIDE
1	D5794-9	CUTOUT BOTTOM
1	D5803-3	FWD END MESH
1	D5803-1	AFT END MESH
2	D5853-041	BASKET RIM WELDMENT



D5794-041 SHORT BASKET BODY, LH
(DERIVED FROM AERO DESIGN P/N 77611-01)
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW
URF 2020-522 20.02.14 (NO)

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
 - 7) WEIGHT: 21.58 lbs
 - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
 - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
 - 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
 - 11) WELD EVERY MESH INTERSECTION

RELEASED
2020 FEB 18 NO
ECN 2020-521

APPROVED

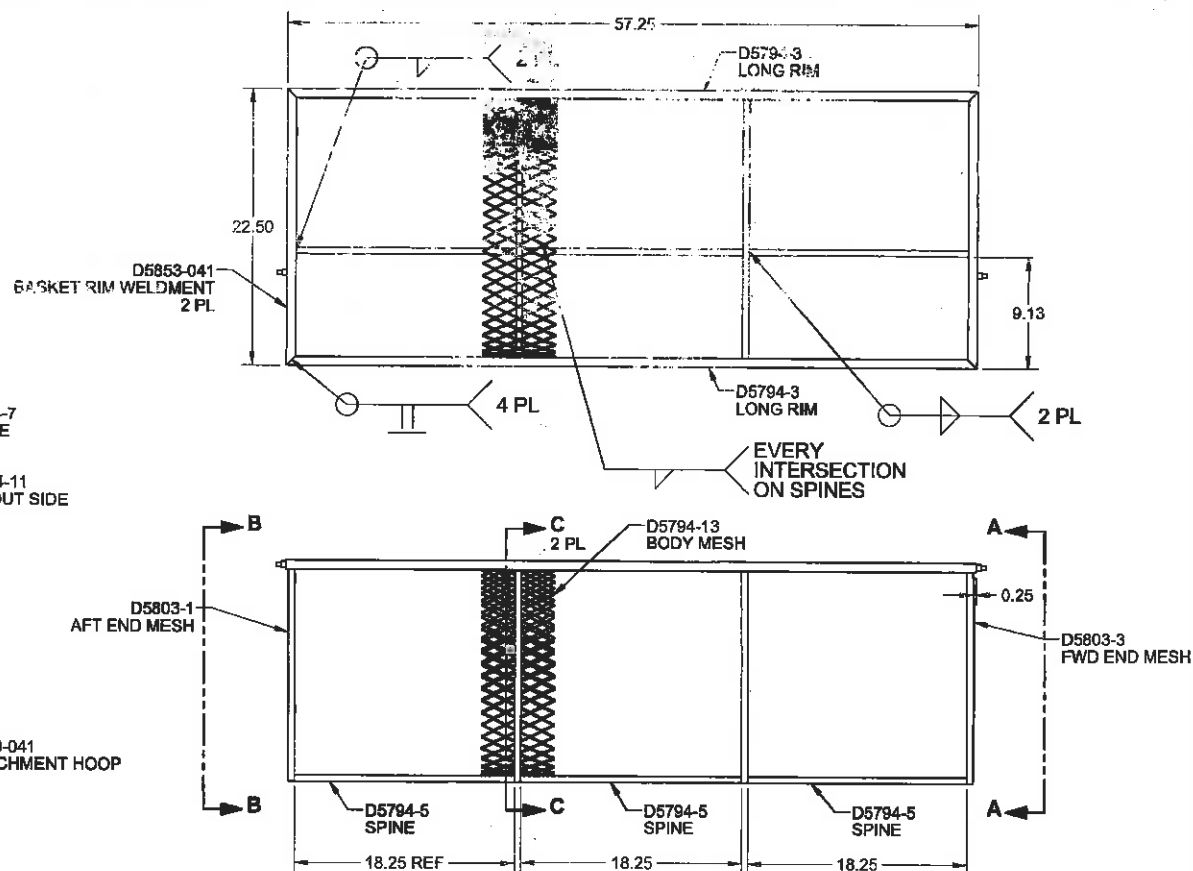
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A	NEW ISSUE	ZF	20.01.14
DESIGN	ZF		
DRAWN	ZF		
CHECKED	KPT		
MFG. APPR.	DD		
APPROVED	NO		
DE APPR.	CP		
DATE	20.01.14		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D5794**
TITLE **SHORT BASKET BODY**
REV. A
SHEET 1 OF 6
SCALE
NTS

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QTY -042	P/N	DESCRIPTION
X	D5794-042	SHORT BASKET BODY, RH
2	D5853-041	BASKET RIM WELDMENT
2	D5794-3	LONG RIM
3	D5794-5	SPINE
2	D5794-7	BRACE
1	D5794-8	CUTOUT BOTTOM
1	D5794-11	CUTOUT SIDE
1	D5794-13	BODY MESH
2	D5770-041	ATTACHMENT HOOP
2	D5770-043	HANDLE HOOP
1	D5803-1	AFT END MESH
1	D5803-3	FWD END MESH



D5794-042 SHORT BASKET BODY, RH
(DERIVED FROM AERO DESIGN P/N 77611-01)
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 21.58 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE THEN EVERY 2ND INTERSECTION MINIMUM
- 11) WELD EVERY MESH INTERSECTION

RELEASED
2020 FEB 18 NO

APPROVED

DESIGN	ZF	DART AEROSPACE LTD	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	D5794	SHEET 2 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	SHORT BASKET BODY	NTS
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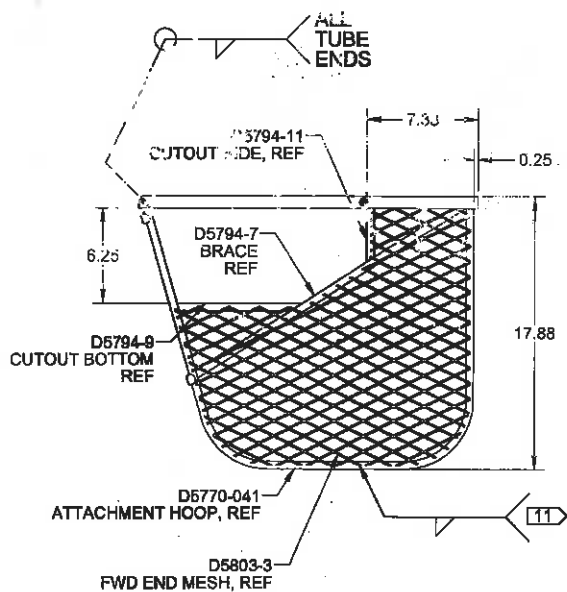
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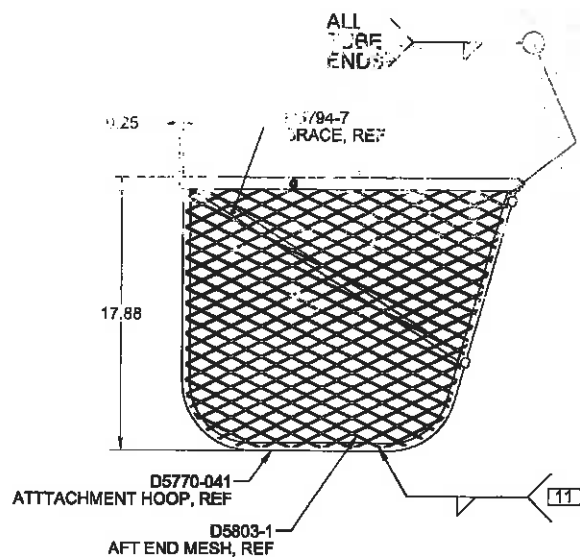
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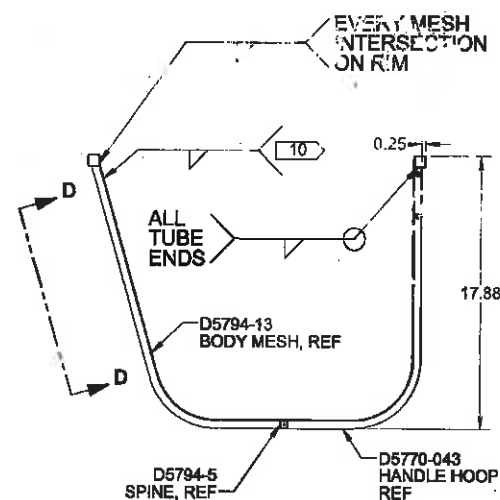
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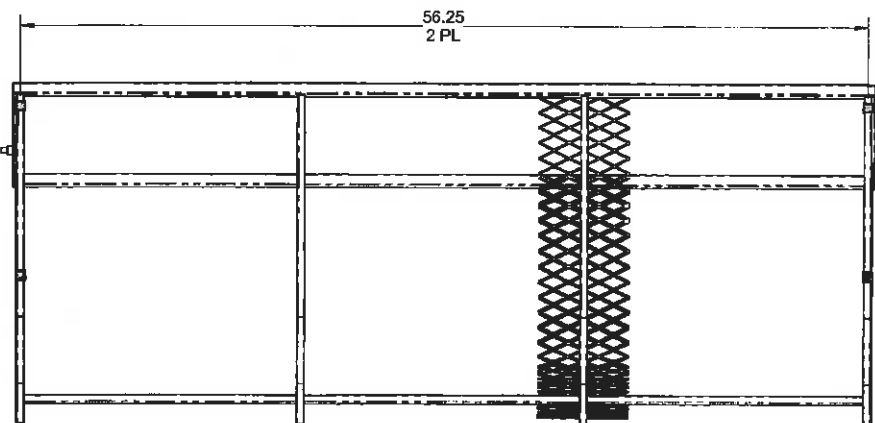
VIEW A-A
SCALE 1.25X



VIEW B-B
SCALE 1.25X



SECTION C-C
SCALE 1.25X



VIEW D-D
TYP

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2020 FEB 18 *NO*

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

APPROVED

DESIGN ZF
DRAWN ZF
CHECKED KPT
MFG. APPR. DD
APPROVED NO
DE APPR. CP
DATE 20.01.14

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D5794

TITLE

SHORT BASKET BODY

REV. A

SHEET 3 OF 6

SCALE

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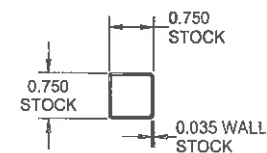
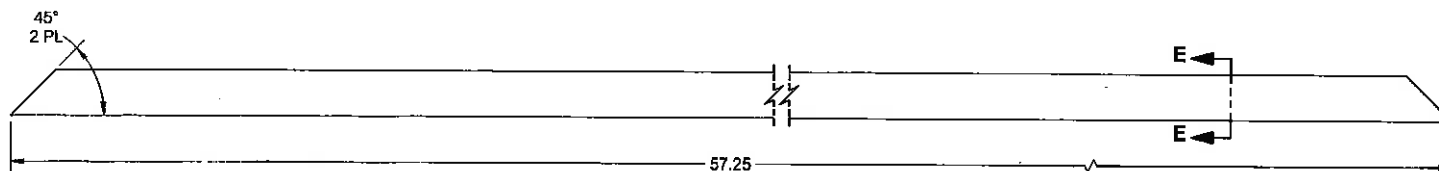
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**SECTION E-E****UNDER REVIEW**

URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374
REF DART SPEC M4130N-TS0.750W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 1.55 lbs

RELEASED2020 FEB 18 *NO***APPROVED**

DESIGN	ZF	DART AEROSPACE LTD	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	D5794	SHEET 4 OF 6
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	SHORT BASKET BODY	NTS
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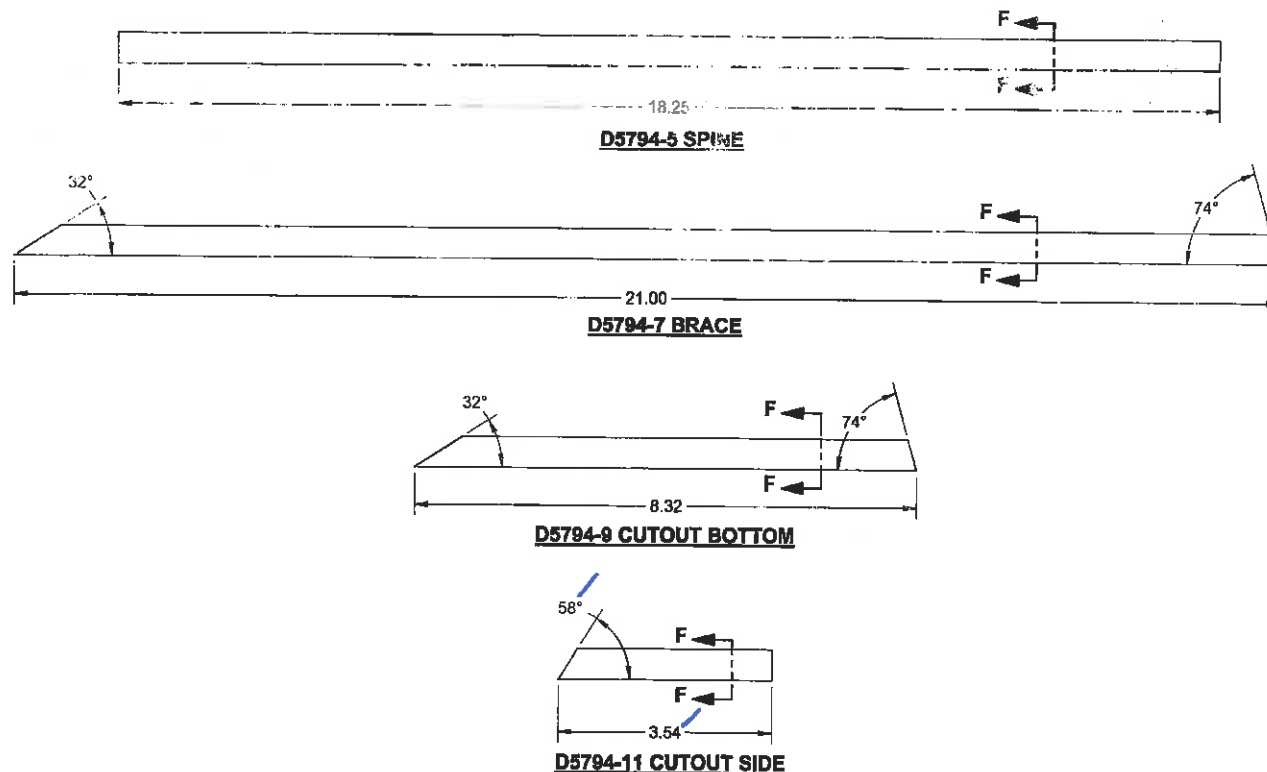
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SECTION F-F

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.32 lbs
-7: 0.36 lbs
-9: 0.14 lbs
-11: 0.06 lbs

RELEASED

2020 FEB 18 NO

APPROVED

DESIGN ZF
DRAWN ZF
CHECKED KPT
MFG. APPR. DD
APPROVED NO
DE APPR. CP
DATE 20.01.14

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D5794

TITLE

SHORT BASKET BODY

REV. A

SHEET 5 OF 6

SCALE

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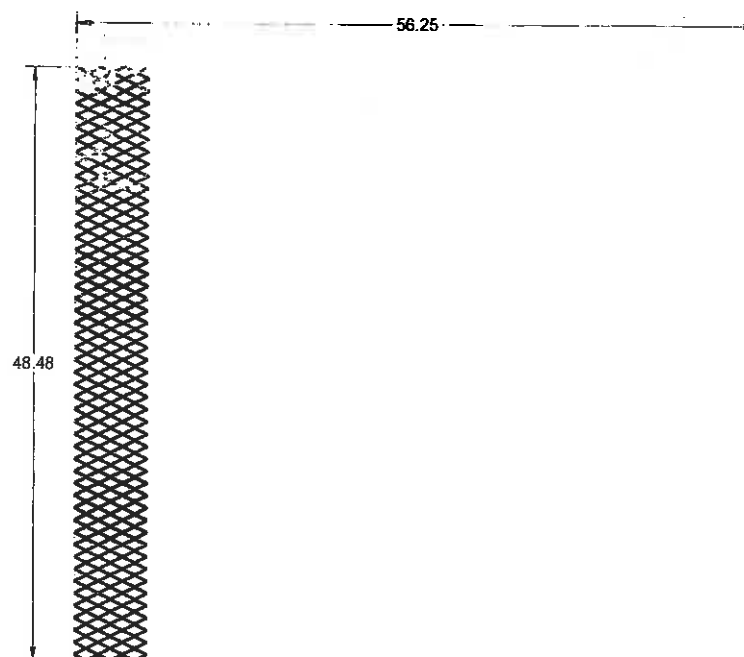
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D5794-13 BODY MESH
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

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MFG. APPR. DD
APPROVED NO
DE APPR. CP
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SHORT BASKET BODY

REV. A

SHEET 6 OF 6

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NOTES:

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F
PER ASTM F1287 OR MIL-M-17194D
REF DART SPEC M569EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 9.77 lbs